



PUGET SOUND AIR POLLUTION CONTROL AGENCY  
KING COUNTY    ▲    KITSAP COUNTY    ▲    PIERCE COUNTY    ▲    SNOHOMISH COUNTY

November 7, 1994

Gerald Brown  
Ash Grove Cement Company  
3801 E Marginal Way S  
Seattle, WA 98134-1113

Dear Mr. Brown:

PM10 Emissions  
Notice of Construction (NOC) No. 3382

Enclosed is a draft copy of NOC No. 3382 and copies of the Public Notices which were published in The Seattle Times and the Journal of Commerce on November 4, 1994.

If you have any questions, call Fred Austin at 689-4055 or me at 689-4052.

Sincerely,

Jay M. Willenberg, P.E.  
Senior Air Pollution Engineer

mj  
Enclosures

cc: F. L. Austin  
H. A. Bryant

Dennis J. McLerran, Air Pollution Control Officer

B O A R D O F D I R E C T O R S

Chairman: Win Granlund, Commissioner, Kitsap County  
Janet Chalupnik, Member at Large  
Edward D. Hansen, Mayor, Everett

Lynn S. Horton, Mayor, Bremerton  
R.C. Johnson, Councilman, Snohomish County  
Gary Locke, King County Executive

Harold G. Moss, Mayor, Tacoma  
Norman B. Rice, Mayor, Seattle  
Doug Sutherland, Pierce County Executive

110 Union Street, Suite 500, Seattle, Washington 98101-2038

▲ (206) 343-8800 ▲

(800) 552-3565 ▲

FAX: (206) 343-7522

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SEA0809

PUBLIC NOTICE  
PUGET SOUND AIR POLLUTION CONTROL AGENCY  
NOTICE OF CONSTRUCTION AND APPLICATION FOR APPROVAL  
FOR EMISSION LIMITS FOR FINE PARTICULATE

Pursuant to Puget Sound Air Pollution Control Agency (PSAPCA) Regulation I, Section 6.06, notice is given that the following facilities have filed a "Notice of Construction and Application for Approval" to limit their emissions of fine particulate (PM-10):

Facility Name	Daily Emission Limit
Seattle Area	
Ash Grove Cement	225 kg/day
Ball Glass Container Corp.	191 kg/day
Birmingham Steel Corp.	391 kg/day
Fisher Mills Inc.	194 kg/day
Holnam Inc.	726 kg/day
James Hardie Gypsum	86 kg/day
Western Steel Casting Co.	31 kg/day
Tacoma Area	
Buffelen Woodworking Co.	198 kg/day
Continental Lime Inc.	322 kg/day
Tacoma Export Marketing Co. (TEMCO)	366 kg/day
U S G Interiors	300 kg/day
U. S. Oil & Refining Co.	331 kg/day

PRELIMINARY DETERMINATION

PSAPCA has completed a review of the Applications and has made a preliminary determination that the proposed limits meet all the requirements of Regulations I, II and III, and should be approved. PSAPCA has also determined that the emission limits are necessary to demonstrate compliance with the National Ambient Air Quality Standard for PM-10 in the Seattle and Tacoma areas.

PUBLIC COMMENT

The application and the information considered in making these preliminary determinations are on file and available for inspection at PSAPCA's office located at 110 Union Street, Suite 500, Seattle, Washington. Written comments with respect to PSAPCA's proposed approval must be submitted to Jay Willenberg, PSAPCA, 110 Union Street, Suite 500, Seattle, Washington 98101 within thirty days of this notice.

PUGET SOUND AIR POLLUTION CONTROL AGENCY

By: Dennis J. McLerran  
Dennis J. McLerran  
Air Pollution Control Officer

Date 11/2/91

PUBLIC NOTICE  
PUGET SOUND AIR POLLUTION CONTROL AGENCY  
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PRELIMINARY DETERMINATION

PSAPCA has completed a review of the Applications and has made a preliminary determination that the proposed limits meet all the requirements of Regulations I, II and III, and should be approved. PSAPCA has also determined that the emission limits are necessary to demonstrate compliance with the National Ambient Air Quality Standard for PM-10 in the Seattle area.

PUBLIC COMMENT

The application and the information considered in making these preliminary determinations are on file and available for inspection at PSAPCA's office located at 110 Union Street, Suite 500, Seattle, Washington. Written comments with respect to PSAPCA's proposed approval must be submitted to Jay Willenberg, PSAPCA, 110 Union Street, Suite 500, Seattle, Washington 98101 within thirty days of this notice.

PUGET SOUND AIR POLLUTION CONTROL AGENCY

By: David D. Kurl  
Dennis J. McLerran  
Air Pollution Control Officer

Date 11/2/97

# Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL  
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 11339

Notice of  
Construction No. 3382

Date \_\_\_\_\_

One dry process 92 TPH (2200 TPD, 750,000 TPY) coal-fired cement plant with baghouse control at 177,000 cfm. The plant consists of the following modifications and additions (see attached): Systems 141, 151, 161, 163, 152, 155, 331, 212, 341, 351, 361, 431, 471, 461, 462, and 463 with 24 baghouses of various sizes. Limit plant-wide PM10 emissions to 225.5 kilograms/day.

GERALD BROWN

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ASH GROVE CEMENT COMPANY (E MARG.),  
3801 E MARGINAL WY S  
SEATTLE WA 98134-1113

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ASH GROVE CEMENT COMPANY (E MARG.),  
3801 E MARGINAL WY S  
SEATTLE WA 98134-1113

## INSTALLATION ADDRESS

ASH GROVE CEMENT COMPANY (E MARG.), 3801 E MARGINAL WY S, SEATTLE, WA, 98134

## THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This source is subject to Subpart F of 40 CFR 60.
5. The emissions from the main baghouse shall not exceed the following limits:
  - a. for carbon monoxide (CO): 1000 ppm @10% oxygen, 538 pph (pounds per hour) 8-hr ave. and 2,353 tpy (tons per year);
  - b. for Nitrogen Oxides (NOx): 668 ppm @10% O<sub>2</sub> 1-hr, 590 pph, 422 pph (24-hr ave), 478 ppm @10% O<sub>2</sub>-24hr, and 1846 tpy.
  - c. for Sulfur Dioxide (SO<sub>2</sub>): 33 ppm @10% O<sub>2</sub>-1hr, 40 pph and 176 tpy; d. for Particulate Matter (PM): 10.6 pph and 46 tpy.
6. The monitoring and reporting of CO, NOx, SO<sub>2</sub>, and Opacity shall be done in accordance with Article 12 of Regulation I.
7. PM10 emissions from all baghouses other than the main stack shall not exceed 0.005 gr/dscf. Compliance with this requirement may be verified by performing an EPA approved source test or by demonstrating a stack has no visible emissions. PSAPCA can require a source test for any baghouse that has visible emissions.
8. All emission testing, monitoring and reporting shall be performed in accordance with PSAPCA requirements.
9. Offsets of PM emissions (deducted from ERC# 107) are required under this NC3382, pursuant to Section 6.08 of Regulation I.
10. This Order of Approval to limit plant-wide PM10 emissions supersedes and cancels Order of Approval No. 3382 dated Jun 19, 1990.

**DRAFT**

**DRAFT**

**DRAFT**

FREDRICK L. AUSTIN  
Reviewing Engineer  
MEJ

JAY M. WILLENBERG  
Reviewing Engineer

DENNIS J. McLERRAN  
Air Pollution Control Officer